



## AI & ML Engineer

BDO USA · Columbia, MD · 1 month ago · 28 applicants

\$100K/yr - \$155K/yr · Hybrid · Full-time · Mid-Senior level

Machine Learning · Python · [Show more](#)

10,001+ employees · Accounting

1 school alum works here

Skills: Artificial Intelligence (AI), Pattern Recognition, +8 more

Am I a good fit for this job? How can I best position myself?

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### About the job

#### Job Description

#### Job Summary:

With a global network serving clients across multiple industries and countries, our analytics game changers are poised for widespread technological impact. Our industry-recognized team is in high demand across data analytics, robotic process automation, and artificial intelligence. We gravitate towards bright individuals who value impactful change, worldly purpose, and a personal connection with diverse innovators. This role allows you to work with a team of talented consultants, requiring you to balance innovation with pragmatic client expectation management. With our team, you will be challenged to build scalable solutions, while embracing a fail-forward mentality critical to evolution. Whether you're telling a data story in ways our clients never imagined or building advanced AI models with automated data engineering, the core purpose will be centered on using data to impact people in a meaningful way.

This position will work with cutting edge technology, deliver high quality solutions across various industries and collaborate with teams on engagements that range in size and scope. This position will receive continuous career development opportunities, given the size and potential of client engagements. This role will perform hands-on delivery of solutions that include artificial intelligence (AI) and cognitive services, ML models, pipelines, databases, and other data analytics components, contributing to the development and unit testing of solutions.

#### Job Duties

- Designs, and implements best in class solutions that include AI and cognitive services, ML models, data ingestion strategies, semantic layers and models, visualizations, streaming processes, API integrations, and automation (RPA) solutions for end-to-end data analytics solutions on primarily, but not limited to, cloud analytics platforms such as Azure and AWS
- Listens to client needs to align solutions with business requirements and delivery schedules
- Creates written functional and technical designs
- Participates in project status and stand meetings, and assists with providing aggregated project status for project and program managers

- Assists with SLA compliance of solutions, and performs performance tuning and optimization efforts of end-to-end solutions
- Writes code using multiple languages and correctly applies frameworks, architectural patterns, and software development principles
- Delivers high-performance, scalable, repeatable, and secure deliverables with broad impact (high throughput and low latency)
- Assists with implementation of governance programs and best practices
- Performs the cleaning and transforming of data from source systems into analytics models
- Implements models to support data visualizations and integrations
- Assists with implementing MLOps, DevOps, DataOps, methodologies on projects
- Writes custom integration logic in applicable programming languages
- Assists project managers with work breakdown structure creation, project estimation, resource staffing, workload planning and adjustments throughout the project lifecycle
- Assists clients with licensing, security, and cost estimation of solutions
- Performs code reviews to ensure adherence to standards
- Works directly with clients and team members to establish secure data analytics platforms and infrastructure
- Contributes to successful deployments of developed solutions and integration of DevOps and MLOps tools
- Maintains a broad and current understanding of data analytics and business intelligence strategies, cloud platforms, methodologies, and tools
- Builds client relationships during project execution, effectively becoming a trusted advisor of the client
- Participates in support activities for existing software solutions
- Other duties as assigned

#### Supervisory Responsibilities

- Supervises the day-to-day workload of Associates on assigned engagements to ensure that timelines and deliverables are met, and reviews work product

#### Education

##### Qualifications, Knowledge, Skills, and Abilities:

- High School Diploma or GED equivalent, required
- Bachelor's degree, preferred; focus in Information Systems, Data Science or Computer Science, preferred

#### Experience

- Five ( 5 ) or more years of experience within Artificial Intelligence , Data Analytics, Business Intelligence, Machine Learning, Application Development, required
- One ( 1 ) or more years of experience technically leading development projects, preferred
- One ( 1 ) or more years of consulting experience or implementation of cloud-based data analytics solutions, preferred

#### License/Certifications

- N/A

#### Software

- Strong experience with AI/ML model lifecycle, required
- Strong SQL skills including Data Definition Language (DDL), Data Manipulation Language (DML), views, functions, stored procedures, or performance tuning, required
- Experience with Data Warehousing, Data Modeling, Semantic Model Definition or Star Schema Construction, required
- Experience with AI & ML Platforms such as Azure Cognitive Services or AWS SageMaker & ML Services, required

- Hands on delivery experience of end-to-end cloud data analytics solutions within Azure or AWS, preferred
- Experience with one (1) or more of the following computer languages, preferred:
  - C#
  - C++
  - Python
  - Java
  - Scala
- Experience with tabular modeling within Power BI or Azure Analysis Services, preferred
- Experience with Git, DevOps, and MLOps deployment technologies, preferred
- Experience with Linux, preferred
- Experience with one (1) or more of the following, preferred:
  - AI Algorithms/Machine Learning
  - Computer Vision based AI technologies

**Language**

- N/A

**Other Knowledge, Skills & Abilities**

- Ability to work with a high degree of professionalism and autonomy
- Excellent verbal and written communication skills
- Solid organizational skills, especially the ability to meet project deadlines with a focus on details
- Ability to successfully multi-task while working independently or within a group environment
- Ability to work in a deadline-driven environment, and handle multiple projects simultaneously
- Ability to interact effectively with people at all organizational levels of the Firm
- Ability to effectively interact with a team of professionals and delegating work assignments, as needed
- Ability to build and maintain strong relationships with internal and client personnel

**Keywords:** Data Analytics, Business Intelligence, BI, Solution Architect, Data Architect, Synapse, IoT, Machine Learning, PyTorch, TensorFlow, Data Lake, Stream, Cube, Microsoft, SQL Server, Tableau, .Net, C#, Qlik, Power BI, Machine Learning, Azure Data Factory, RedShift, UiPath, Cloud, RPA, AWS, Redshift, Kinesis, QuickSight, SageMaker, S3, Databricks, AWS Lake Formation, Snowflake, Python, Qlik, Athena, Data Pipeline, Glue, Star Schema, Data Modeling, Performance Tuning, SQL

Individual salaries that are offered to a candidate are determined after consideration of numerous factors including but not limited to the candidate's qualifications, experience, skills, and geography.

California Range: \$100,000 - \$155,000

Colorado Range: \$100,000 - \$155,000

NYC/Long Island/Westchester Range: \$100,000 - \$155,000

Washington Range: \$100,000 - \$155,000

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Join us at BDO, where you will find more than a career, you'll find a place where your work is impactful, and you are valued for your individuality. We offer flexibility and opportunities for advancement. Our culture is centered around making meaningful connections, approaching interactions with curiosity, and being true to yourself, all while making a positive difference in the world.

At BDO, our purpose of helping people thrive every day is at the heart of everything we do. Together, we are focused on delivering exceptional and sustainable outcomes and value for our people, our clients, and our communities. BDO is proud to be an ESOP company, reflecting a culture that puts people first, by sharing financially in our growth in value with our U.S. team. BDO professionals

provide assurance, tax and advisory services for a diverse range of clients across the U.S. and in over 160 countries through our global organization.

BDO is the first large accounting and advisory organization to implement an Employee Stock Ownership Plan (ESOP). A qualified retirement plan, the ESOP offers participants a stake in the firm's success through beneficial ownership and a unique opportunity to enhance their financial well-being. The ESOP stands as a compelling addition to our comprehensive compensation and Total Rewards benefits\* offerings. The annual allocation to the ESOP is fully funded by BDO through investments in company stock and grants employees the chance to grow their wealth over time as their shares vest and grow in value with the firm's success, with no employee contributions.

We Are Committed To Delivering Exceptional Experiences To Middle Market Leaders By Sharing Insight-driven Perspectives, Helping Companies Take Business As Usual To Better Than Usual. With Industry Knowledge And Experience, a Breadth Of Resources, And Unwavering Commitment To Quality, We Pride Ourselves On

- Welcoming diverse perspectives and understanding the experience of our professionals and clients
- Empowering team members to explore their full potential
- Our talented team who brings varying skills, knowledge and experience to proactively help our clients navigate an expanding array of complex challenges and opportunities
- Celebrating ingenuity and innovation to transform our business and help our clients transform theirs
- Focus on resilience and sustainability to positively impact our people, clients, and communities
- Benefits may be subject to eligibility requirements.

Equal Opportunity Employer, including disability/vets

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All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability or protected veteran status.

"BDO USA, P.A. is an EO employer M/F/Veteran/Disability"

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Machine Learning Engineer, Columbia, MD

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### Details found in the job post

Retrieved from the description

Developer Role

Machine Learning, DevOps, Embedded & Firmware, Data Engineering, Game

Technology

Python, Scala, GitHub, C, NET Framework, AWS, C++, Java, Azure, SQL

### Pay found in job post

Retrieved from the description.

Base salary

\$100,000/yr - \$155,000/yr (from job description)

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Qualifications



4 skills match your profile. Stand out by adding other skills you have.

Skills associated with the job post

Identified by LinkedIn

- ✓

4 skills on your profile

Artificial Intelligence (AI), Data Modeling, Data Science, and Pattern Recogni...
- ⚠

6 skills missing on your profile

AWS SageMaker, Custom Integration, DDL, Data Manipulation, Star Schema,...

Additional skills among applicants

- i

8 skills other applicants have

Data Analysis, Deep Learning, Machine Learning, PyTorch, Python (Program...

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See how you compare to other applicants

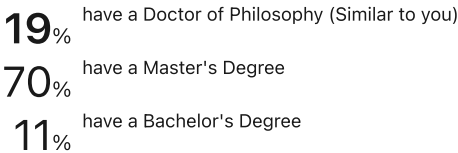
Applicants for this job

28 Applicants  
1 Applicant in the past day

Applicant seniority level



Applicant education level



Applicants are in these locations

10-15 applicants ✓

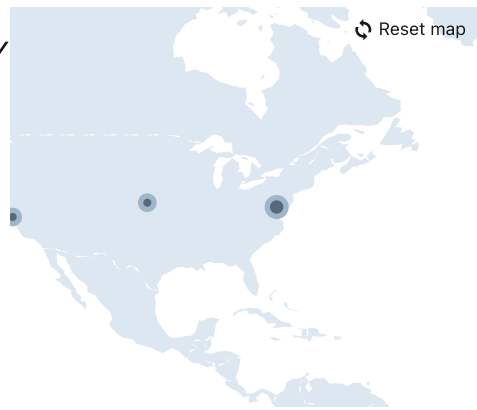
Washington DC-Baltimore Area

1-5 applicants

San Francisco Bay Area

1-5 applicants

United States



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## See if BDO USA is hiring people like you

The latest hiring trends.

10,371

Total employees

0%

Company-wide  
2 year growth

▼ 12%

Finance  
2 year growth

🕒 Median employee tenure · 4 years

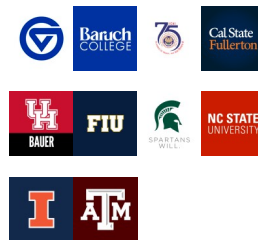
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Commitments ?

Work-life balance

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I'm interested

Company photos



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Machine Learning Engineer

Elsdon Consulting Ltd

Columbia, MD (On-site)

 Actively recruiting

6 days ago ·  Easy Apply





Machine Learning Engineer


RAND

Washington DC-Baltimore Area (On-site)

1 week ago








2 connections work here

Software and AI Integration Engineer

Booz Allen Hamilton

Honolulu, HI (Hybrid)

3 weeks ago




Actively recruiting

Software Engineer / Research Scientist

Parsons Corporation

Aberdeen, MD (On-site)

6 days ago · 16 applicants




Machine Learning Engineer / AI Engineer

Dice

Minneapolis, MN (On-site)


2 hours ago



AI Software Developer


IBM

Yorktown Heights, NY



3 company alumni work here

2 weeks ago




Machine Learning Engineer

RAND

Pittsburgh, PA (On-site)


1 week ago



Software Engineer-Remote


Jacobs

Hanover, MD



1 company alum works here


1 week ago



Data Engineer (Jr/Mid)


CGI

Baltimore, MD



Actively recruiting


1 month ago



Software Engineer


Boeing

Annapolis Junction, MD



6 company alumni work here


2 weeks ago



Systems Engineer


The Johns Hopkins University

Baltimore, MD (Hybrid)



2 connections work here

3 weeks ago




Junior AI/ML Software Engineer

Dice

Washington, VA (On-site)

2 hours ago

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8/9



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